ADVANCED DATABASE MANAGEMENT SYSTEM LAB

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Roll No: 5

Batch: MCA B

Date:08/03/2022

Experiment No.: 3

Aim

To familiarize ddl commands- alter,drop,truncate,rename

Question

1.Create a table emp with attributes empno number(4)as primary key, ename char(10),hiredate, salary, commission.

insert 5 rows of data

101	Ramesh	17-Jan 1980	5000	
102	Ajay	05-Jul 1985	5000	500
103	Ravi	12-Aug 1981	1500	
104	Nikesh	03-Mar 1983	3000	700
105	Ravi	05-jul 1985	3000	

2.Modifying the structure of tables

a.Add new columns: sal number(7,2)

b.Dropping a column from a table: sal

c.Modifying existing column :ename varchar2(15)

d.Renaming the tables: emp to emp1

e.truncating the tables:emp1

f.Destroying tables:emp

3.Create a table stud with sname varchar2(20) primary key , rollno number(10) not null,dob date not null

4.Create a table student as regno number (6), mark number (3) check constraint (mark >=0 and mark

<=100));

In table student add check constraint(length(regno<=4))

5.Create a table cust with(custid number(6) constraint unique, name char(10) 6. Refer the table "stud" in table " student"

Procedure

Create table emp:

CREATE TABLE EMP(EMPNO INT PRIMARY KEY , ENAME CHAR(10),HIREDATE DATE, SALARY INT,COMMISION INT);

INSERT INTO emp values(101,'Ramesh','1980-01-17',5000,0);

INSERT INTO emp values(102,'Ajay','1985-07-05',5000,500);

INSERT INTO emp values(103,'Ravi','1981-08-12',1500,0);

INSERT INTO emp values(104,'Nikesh','1983-03-03',3000,700);

INSERT INTO emp values(105,'Ravi','1985-07-05',3000,0);

Table emp:

SELECT * FROM EMP;

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	Nikesh	1983-03-03	3000	700
105	Ravi	1985-07-05	3000	NULL

ALTER TABLE EMP ADD SAL INT;

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION	sal
101	RAMESH	1980-01-17	5000	NULL	NULL
102	AJAY	1985-07-05	5000	500	NULL
103	RAVI	1981-08-12	1500	NULL	NULL
104	Nikesh	1983-03-03	3000	700	NULL
105	Ravi	1985-07-05	3000	NULL	NULL
NULL	NULL	NULL	NULL	NULL	NULL

ALTER TABLE EMP DROP COLUMN SAL;

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	Nikesh	1983-03-03	3000	700
105	Ravi	1985-07-05	3000	NULL
NULL	NULL	NULL	NULL	NULL

ALTER TABLE EMP MODIFY ENAME VARCHAR(15);

EMPNO	ename	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	Nikesh	1983-03-03	3000	700
105	Ravi	1985-07-05	3000	NULL
NULL	NULL	NULL	NULL	NULL

RENAME TABLE EMP TO EMP1;

EMPNO	ename	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	Nikesh	1983-03-03	3000	700
105	Ravi	1985-07-05	3000	NULL
NULL	NULL	NULL	NULL	NULL

TRUNCATE TABLE EMP1;

EMPNO	ename	HIREDATE	SALARY	COMMISSION
NULL	NULL	NULL	NULL	NULL

DROP TABLE EMP1;
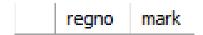
	52	11:26:48	DROP TABLE emp1

CREATE TABLE STUD(SNAME VARCHAR(20) PRIMARY KEY, ROLLNO INT NOT NULL, DOB DATE NOT NULL);

 SELECT * FROM STUD;

sname	rollno	dob
NULL	NULL	NULL

CREATE TABLE STUDENT (REGNO INT, MARK INT(3) CONSTRAINT B CHECK (MARK >=0 AND MARK <=100)); SELECT * FROM STUDENT;

	regno	mark

CREATE TABLE CUST(CUSTID NUMBER(6) UNIQUE, NAME CHAR(10));

	custid	name